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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/627,950
Filing Date	July 24, 2003
First Named Inventor	Radtkey
Art Unit	1634
Examiner Name	Lu
Attorney Docket Number	612,404-426

ENCLOSURES (Check all that apply)

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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	O'Melveny & Myers LLP		
Signature	<i>Diane K. Wong</i>		
Printed name	Diane K. Wong		
Date	July 10, 2007	Reg. No.	54,550

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Signature	<i>Denise N. Doss</i>		
Typed or printed name	Denise N. Doss	Date	July 10, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent US 313C2
Attorney Docket: 612,404-426

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Radtkey et al.

Serial No.: 10/627,950

Filed: July 24, 2003

For: METHOD AND APPARATUS FOR
SCREENING AND DETECTING
MULTIPLE GENETIC MUTATIONS

Group Art Unit: 1634

Examiner: Frank Wei Min Lu

AMENDMENT AND RESPONSE

Commissioner for Patents
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Sir:

In response to the Office Action mailed on April 10, 2007, please enter the following amendments.

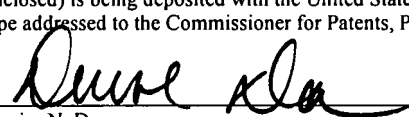
Amendments to the claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.

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Denise N. Doss